

CONCLUSION

In accordance with the arguments set forth above, the Appellants respectfully request the honorable Board of Appeals and Interferences overturn the rejections of claims 7, 11, and 13-19 erroneously made by the Examiner under 35 U.S.C. § 103(a). The Appellants further respectfully request the honorable Board of Appeals and Interferences of the U.S. Patent and Trademark Office to allow claim 8 (original claim 9) because it depends from claim 7 (original claim 8).

Respectfully submitted,
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APPENDIX

7. A display apparatus for a notebook computer having a system body with a main printed circuit board, comprising:

a panel module including a display panel and a back light unit for irradiating to the display panel, said display panel having a pixel matrix that displays a picture information processed by the main printed circuit board, said panel module further including drivers mounted on the display panel that drive the pixel matrix;

a module control board having a timing control unit for driving the drivers and a back light unit driver for driving the back light unit of the panel module;

a first connecting device that connects the timing control unit and back light unit driver of the module control board with the drivers and the back light unit of the panel module, wherein said first connecting device includes a flexible printed circuit film; and

a second connecting device that connects the main printed circuit board with the module control board to provide signals from the main printed circuit board to the module control board.

11. A notebook computer, comprising:

a display module, wherein the display module comprises,

a display device that displays data, and

drivers mounted in the display module that drive the display device;

a body module, wherein the body module comprises,
a main printed circuit board that processes the data for the display device,
and
a driving circuit mounted on the main printed circuit board that drives the
drivers in the display module; and
a connecting circuit that connects the drivers and a back light unit with the driving
circuit, wherein said connecting circuit comprises,
a flexible printed circuit film that connects between the drivers and the
driving circuit, and
a conductive line that connects between the driving circuit and the back
light unit, wherein the display module further comprises the back light unit that irradiates the
display device, and wherein the driving circuit is a module control board mounted on the main
printed circuit board, and wherein the module control board drives the back light unit.

13. The notebook computer of claim 11, wherein the conductive line connects the
back light unit with the module control board.

14. The notebook computer of claim 11, wherein the driving circuit includes a timing
control circuit and forms a package.

15. The notebook computer of claim 14, wherein the driving circuit comprises:
a circuit board mounting circuit elements;
a molding material that packages the circuit board with the circuit elements; and
a plurality of leads coupled to the circuit board through the molding material..
16. The notebook computer of claim 11, wherein the driving circuit is formed in a circuit card.
17. The notebook computer of claim 16, wherein the driving circuit comprises:
a card;
a plurality of circuit elements mounted on the card; and
a plurality of slot contacts being formed on the card.
18. The notebook computer of claim 11, wherein the body module comprises a data entry device, wherein the data entry device is a keyboard, wherein the display module is rotatably coupled to the body module to move between at least an open position and a closed position, wherein the display device comprises a pixel matrix having a plurality of pixel cells that use row and column lines for selection, and wherein the drivers comprise a plurality of row drivers and a plurality of column drivers.

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19. The notebook computer of claim 11, wherein the display module has a reduced thickness.